

WHAT IS CLAIMED IS:

1. A method of assembling a disc-like recording medium comprising:

a first step of mounting a disc-like recording medium to a disc apparatus in a state capable of moving the disc-like recording medium with respect to a hub of a spindle motor in a direction of a disc radius;

a second step of pressing an outer diameter of the disc in a direction of a center axis of the hub by a first flat member so as to bring an inner diameter of the disc into contact with an outer diameter of a rotary axis of the hub;

a third step of pressing back the outer diameter of the disc contact with the first flat member and the outer diameter of the disc at an opposite position to the center of the disc in an inverse direction to a pressing direction of the first flat member to a half of an amount of tolerance between the inner diameter of the disc and the outer diameter of the hub, by a second flat member placed in parallel to said first flat member and in an opposite side to the center axis of the hub; and

a fourth step of fixing the disc to the spindle motor hub by a clamp member.

2. A method of assembling a disc-like recording medium comprising:

a first step of mounting a disc-like

recording medium to a disc apparatus in a state capable of moving the disc-like recording medium with respect to a hub of a spindle motor in a direction of a disc radius;

a second step of pressing an outer diameter of the disc in a direction of a center axis of the hub by a first flat member so as to bring an inner diameter of the disc into contact with an outer diameter of a rotary axis of the hub;

a third step of pressing back the outer diameter of the disc contact with the first flat member and the outer diameter of the disc at an opposite position to the center of the disc in an inverse direction to a pressing direction of the first flat member by a second flat member placed in parallel to said first flat member in an opposite side to the center axis of the hub until the outer diameter of the hub and the inner diameter of the disc are in contact with each other, and measuring a difference between the outer diameter of the hub and the inner diameter of the disc;

a fourth step of pressing back a half of the difference between said outer diameter of the hub and the inner diameter of the disc by the first flat member; and

a fifth step of fixing the disc to the spindle motor hub by a clamp member.

3. A method of assembling a disc-like recording

medium as claimed in claim 1, wherein a pressurizing means for pressing the disc toward the center axis of the hub is provided in a portion to which said first flat member and said second flat member are mounted.

4. A method of assembling a disc-like recording medium as claimed in claim 2, wherein a pressurizing means for pressing the disc toward the center axis of the hub is provided in a portion to which said first flat member and said second flat member are mounted.

5. A method of assembling a disc-like recording medium comprising:

a first step of fixing a magnetic disc apparatus base on which a spindle motor is mounted;

a second step of mounting a disc-like recording medium to a disc apparatus in a state capable of moving the disc-like recording medium with respect to a hub of a spindle motor in a direction of a disc radius;

a third step of pressing an outer diameter of the disc in a direction of a center axis of the hub by a first flat member so as to bring an inner diameter of the disc into contact with an outer diameter of a rotary axis of the hub;

a fourth step of pressing back the outer diameter of the disc contact with the first flat member and the outer diameter of the disc at an opposite position to the center of the disc in an inverse direction to a pressing direction of the first flat

member to a half of an amount of tolerance between the inner diameter of the disc and the outer diameter of the hub, by a second flat member placed in parallel to said first flat member and in an opposite side to the center axis of the hub; and

a fifth step of fixing the disc to the spindle motor hub by a clamp member.

6. A method of assembling a disc-like recording medium comprising:

a first step of fixing a magnetic disc apparatus base on which a spindle motor is mounted;

a second step of mounting a disc-like recording medium to a disc apparatus in a state capable of moving the disc-like recording medium with respect to a hub of a spindle motor in a direction of a disc radius;

a third step of pressing an outer diameter of the disc in a direction of a center axis of the hub by a first flat member so as to bring an inner diameter of the disc into contact with an outer diameter of a rotary axis of the hub;

a fourth step of pressing back the outer diameter of the disc contact with the first flat member and the outer diameter of the disc at an opposite position to the center of the disc in an inverse direction to a pressing direction of the first flat member by a second flat member placed in parallel to said first flat member in an opposite side to the

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center axis of the hub until the outer diameter of the hub and the inner diameter of the disc are in contact with each other, and measuring a difference between the outer diameter of the hub and the inner diameter of the disc corresponding to an amount of pressing back;

a fifth step of pressing back a half of the difference between said outer diameter of the hub and the inner diameter of the disc by the first flat member; and

a sixth step of fixing the disc to the spindle motor hub by a clamp member.